

PART 505 NON-NRCS ENGINEERING SERVICES

SUBPART C – CRITERIA

PA505.20(b) (3)

§PA505.20 Nonproject activities

Procedures for installation of "Standard Detail Drawings, prepared by others, concurred in by the Natural Resources Conservation Service."

(a) General

National Engineering Manual 210, part 505.20, states that when federal cost sharing or technical assistance is provided to cooperators, work must comply with NRCS standards. NRCS is to check plans, construction and completed practices to ensure that they do meet standards.

(b) Procedure

- (1)** There are several companies which have designs for waste storage facilities reviewed for structural compliance with Standard PA313. These designs are submitted to the NRCS State Office for review and concurrence. Once the design is acceptable, these designs are called: "Standard detail drawings prepared by others, concurred in by NRCS."
- (2)** The policy in Pennsylvania for the installation of these structures is for a site specific design to be prepared for each installation containing the size, location, method of loading and unloading, and all the component designs necessary for the structure to function. This design may be done by the supplier, a non-NRCS Engineer or NRCS, but it must be done, and an Engineer must approve the design and take responsibility for assuring its proper installation consistent with Part 512, Subpart D – Quality Assurance Activities, and the Construction Check Data Requirements of Standard PA313 and other applicable standards.
- (3)** It is the responsibility of the company installing the structure to provide the landowner and/or the local NRCS office a copy of the standard detail drawing for the planned structure. It will also be the responsibility of the company to provide written certification to the landowner with a copy to the local NRCS office designating and stating that the structure was installed in

PA505-13(1)

(PA210-V-NEM, Amendment PA-14, January 2004)

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conformance with the standard detail drawing and the applicable NRCS standards and specifications.

- (4) A pre-construction meeting shall be conducted, including the landowner, the company representative, and NRCS. At that time, the specifics regarding the construction schedule, who is to perform each component, and the assistance NRCS will provide shall be explained to all parties.
- (5) Modifications to standard detail drawings must be approved at the appropriate level within NRCS, and by the supplier's design Engineer when the modification changes the structural design or exceeds the design assumptions.
- (6) Most on-farm construction work does not require continuous inspection; however, there are critical points when inspection is necessary to assure conformance with the plans and specifications. These critical points must be identified in the quality assurance plan with instructions to contact NRCS with sufficient advance notice when the critical points are reached.

PA505-13(2)

(PA210-V-NEM, Amendment PA-14, January 2004)